



## JCB POWER GENERATORS | STANDARD RANGE

8kVA – 730kVA  
50Hz / 60Hz



## COMPACT, LIGHTWEIGHT AND EASILY TRANSPORTABLE.

THE 8 – 730KVA DIESEL GENERATOR RANGE IS DESIGNED TO OFFER THE IDEAL POWER FOR MANY COMMON APPLICATIONS. THIS MEANS YOU CAN EXPECT HIGH PERFORMANCE DELIVERED IN A COMPACT AND LIGHTWEIGHT UNIT.



### Compact style.

As standard, both open and canopy models are designed around a robust base frame which enhances the stability of the unit, even on uneven ground. The durable base also protects the internal componentry during transit.

Our compact canopy reduces the machine footprint, increasing installation opportunities for both the canopy and open units.

All our canopies are protected by a powder coated paint finish, to provide long lasting quality enclosures.

Large doors permit access to the engine, alternator, control panel and all internal wiring; making maintenance easy.



**Easy to manoeuvre.**

Fork pockets are standard on all units for quick and easy installation and to aid transportation.

Single point lift is built in to all QX canopy generators above G13QX for excellent handling and easy manoeuvrability between sites.

The 8-730 kVA range is lightweight and compact, making it easy to shift your power from site to site.

All the models in this range can be mounted on a trailer and towed quickly and easily for multiple site use, ideal for construction and rental applications.



## VERSATILE.

**THE VERSATILITY OF THESE GENERATORS MEANS THIS JCB RANGE IS A GREAT CHOICE FOR ANY INDUSTRY WHICH REQUIRES PRIME, STANDBY OR EMERGENCY BACK UP POWER - AGRICULTURE, CONSTRUCTION, TELECOMS, MILITARY AND RESIDENTIAL APPLICATIONS.**

### **Fit for any industry.**

Watertight, soundproof canopies and excellent cooling performance allow these machines to withstand even the most extreme conditions. For very cold regions a cold climate kit protects the machine.

Our generators are designed to hold up to 110% total generator fluids to prevent site contamination, and all contained in a bunded base.

The robust single piece roof provides excellent protection against water and dust ingress.

All canopy units are fitted with heavy-duty rock wool sound insulation to ensure low noise and reduce environmental impact. All open units are fitted with an industrial exhaust silencer and the option of a residential silencer for extra peace of mind where noise levels are critical.

These generators can be further enhanced by adding a range of optional features to guarantee the exact fit for your power requirements - including additional exhaust silencing, alternative control panels, spark arrestors, as well as fitting remote monitoring, automatic transfer panels or additional extended fuel tanks.



### Complete control.

JCB Generators are fitted with the simple and intuitive JCB CP1 digital control panels for easy operation to give full functionality and monitoring on any site.

The G8 and G13 models are fitted with the easy to use analogue KSI controller.

A large viewing window enables a quick view of the control panel, without having to unlock the doors, for quick observation of performance information. Additional audio and visual warnings are fitted for ultimate monitoring.

As an option, remote monitoring can be fitted for easy fleet management. This is available through GSM technology to provide engine management and to track power performance from afar.

A fully compatible range of automatic mains failure switches is available for standby applications.

Internal and external emergency stop button for ultimate site safety.



## PERFORMANCE AND EFFICIENCY.

**JCB DIESEL GENERATORS ARE BUILT AROUND INDUSTRY RECOGNISED COMPONENTRY, GIVING SUPERIOR PERFORMANCE AND MAXIMUM RELIABILITY.**

### **Efficient engines.**

This range is fitted with world class efficient and durable engines, including Yanmar, JCB, Iveco, Scania or MTU - delivering long life and low cost running. Available as 50Hz or 60Hz frequency, with a multitude of voltage options.

The 8-730 kVA range provide excellent load acceptance, and fuel efficiency, making this range highly attractive to all applications.

Engines and alternators are matched to work in perfect harmony to deliver ultimate efficiency to any application.

This range of premium engines also include a raft of Stage IIIA engines to offer even greater emissions efficiency.



## EMISSIONS DRIVEN.

### JCB STAGE IIIA GENERATORS MEET EUROPEAN MOBILE EQUIPMENT EMISSIONS LEGISLATION, DELIVERING HIGH OUTPUT AND EFFICIENT POWER WHEREVER ITS REQUIRED.

#### A great asset on site.

A JCB Stage IIIA generator is a great asset to any site, meeting emissions legislation, delivering great fuel savings and achieving low vibration and noise levels for low environmental impact.

Our compact canopy reduces the overall footprint, making it easy to shift your power from site to site.

JCB generators are renowned for simple and intuitive control panels and these models are no different, offering easy monitoring and control to enable quick machine setup.

#### European Mobile Emissions regulations.

This legislation relates to diesel generators from 18 - 560kVA sold into mobile applications, and sets limits on the amount of four specific pollutants that are permitted to be exhausted from the machine. These are Nitrogen oxides (NOx), Hydrocarbons (HC), Carbon Monoxide (CO) and particulates (Soot etc.).

#### What is a mobile generator?

A generator that moves from a defined location is considered to be mobile. This obviously includes rental sets and trailer mounted sets as by their very nature they will be moved regularly, but also includes standby sets used in temporary situations such as building sites and emergency support.

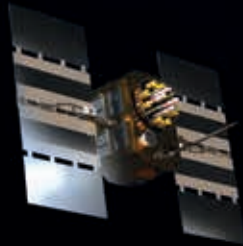
*JCB are here to give guidance in this area and have a great deal of experience working within the emissions legislation.*



## LIVELINK, KNOWLEDGE IS POWER.

**JCB LIVELINK PUTS THE POWER IN YOUR HANDS. REVOLUTIONISE THE WAY YOU MONITOR AND MANAGE YOUR POWER GENERATORS TO MAXIMISE PRODUCTIVITY, DECREASE RUNNING COSTS AND INCREASE EFFICIENCY.**

**Data and insight** – Keep the productivity high to keep the power on with JCB LiveLink. Real-time information keeps you in complete control to let you monitor and manage your power generators remotely via a PC or Smartphone.



**Monitor and manage** – The most up-to-date information about how your generators are performing or where they are located becomes even more critical when it comes to making the right decisions. The more knowledge you have to generate uptime, the better value for money your generator delivers.

**Optimised Fleet Management** – Whether you have one generator or an entire fleet, LiveLink can provide a powerful reporting tool to deliver higher machine availability, improved fleet control and enhanced machine value, accessed via an online portal.

## VALUE ADDED.

**JCB'S WORLDWIDE CUSTOMER SUPPORT IS FIRST CLASS. WHATEVER YOU NEED AND WHEREVER YOU ARE, WE'LL BE AVAILABLE QUICKLY AND EFFICIENTLY TO HELP MAKE SURE YOUR MACHINERY IS PERFORMING TO ITS FULL POTENTIAL.**



**1** Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

JCB Premiercover offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Irrespective of what you opt for, our Maintenance teams around the world charge competitive labour rates, and offer non-obligation quotations as well as fast, efficient insurance repair work.

*Note: JCB ASSETCARE may not be available in your region, so please check with your local dealer.*



**2** The global network of JCB Parts Centres is another model of efficiency; with 16 regional bases, we can deliver around 95% of all parts anywhere in the world within 24 hours. Our genuine JCB parts are designed to work in perfect harmony with your machine for optimum performance and productivity.



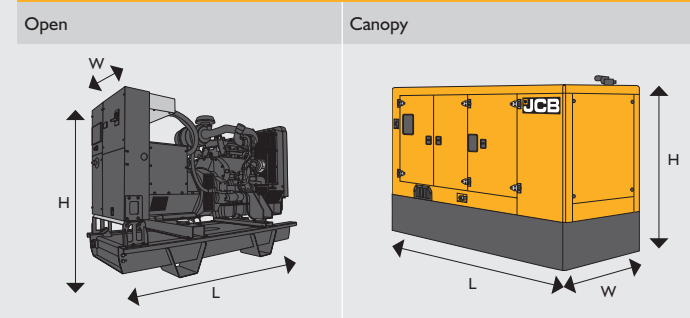
**FUEL OPTIMISED**

									
<b>Model</b>	<b>G8X</b>	<b>G8QX</b>	<b>G13X</b>	<b>G13QX</b>	<b>G33S</b>	<b>G33QS</b>	<b>G40QS</b>	<b>G45S</b>	<b>G45QS</b>
Type - Open / Canopy / Container	Open	Canopy	Open	Canopy	Open	Canopy	Canopy	Open	Canopy
Engine make - fuel optimised	Yanmar	Yanmar	Yanmar	Yanmar	JCB Diesel by Kohler	JCB Diesel by Kohler	JCB Diesel by Kohler	JCB Diesel by Kohler	JCB Diesel by Kohler
Prime power (PRP) at 50Hz 400V	kVA 8	8	13	13	31	31	N/A	41	41
Standby power (ESP) at 50Hz 400V	kVA 8	8	14	14	34	34	N/A	45	45
Prime power (PRP) at 60Hz 480V	kVA 11	11	16	16	N/A	N/A	34	N/A	N/A
Standby power (ESP) at 60Hz 480V	kVA 12	12	18	18	N/A	N/A	37	N/A	N/A
Length	mm 1450	1475	1450	1475	2075	2250	2250	2075	2250
Width	mm 1286	1104	1286	1104	670	840	840	670	840
Height	mm 620	750	620	750	1250	1350	1350	1270	1350
Weight including oil and water	kg 279	456	369	506	780	1000	1000	780	1000

**STAGE IIIA EMISSIONS COMPLIANT**

					
<b>Model</b>	<b>G20S</b>	<b>G20QS</b>	<b>G27S</b>	<b>G27QS</b>	<b>G41QS</b>
Type - Open / Canopy / Container	Open	Canopy	Open	Canopy	Canopy
Engine make - Stage IIIA	JCB Diesel by Kohler	JCB Diesel by Kohler	JCB Diesel by Kohler	JCB Diesel by Kohler	JCB Diesel by Kohler
Prime power (PRP) at 50Hz 400V	kVA 18	18	25	25	36
Standby power (ESP) at 50Hz 400V	kVA 20	20	27	27	39
Prime power (PRP) at 60Hz 480V	kVA 20	20	25	25	N/A
Standby power (ESP) at 60Hz 480V	kVA 22	22	28	28	N/A
Length	mm 1650	1750	1650	2250	2250
Width	mm 650	790	650	840	840
Height	mm 1200	1350	1250	1350	1350
Weight including oil and water	kg 590	800	730	1000	1000

**DIMENSIONS**



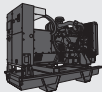
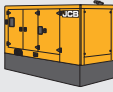
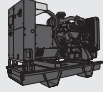
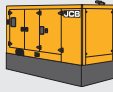
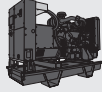
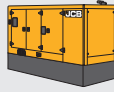
## FUEL OPTIMISED

									
<b>Model</b>		<b>G65S</b>	<b>G65QS</b>	<b>G90S</b>	<b>G90QS</b>	<b>G115S</b>	<b>G115QS</b>	<b>G140S</b>	<b>G140QS</b>
Type - Open / Canopy / Container		Open	Canopy	Open	Canopy	Open	Canopy	Open	Canopy
Engine make - fuel optimised		JCB 4 Cylinder	JCB 4 Cylinder	JCB 4 Cylinder	JCB 4 Cylinder	JCB 4 Cylinder	JCB 4 Cylinder	JCB 4 Cylinder	JCB 4 Cylinder
Prime power (PRP) at 50Hz 400V	kVA	59	59	80	80	105	105	125	125
Standby power (ESP) at 50Hz 400V	kVA	65	65	88	88	116	116	138	138
Prime power (PRP) at 60Hz 480V	kVA	63	63	85	85	105	105	125	125
Standby power (ESP) at 60Hz 480V	kVA	69	69	94	94	116	116	138	138
Length	mm	2300	2750	2300	2850	2300	2850	2300	2850
Width	mm	1030	1140	1030	1140	1030	1140	1030	1140
Height	mm	1750	1830	1750	1830	1750	1830	1750	1830
Weight including oil and water	kg	1360	1660	1450	1780	1500	1830	1550	1880

## STAGE IIIA EMISSIONS COMPLIANT

					
<b>Model</b>		<b>G66QS</b>	<b>G91QS</b>	<b>G116QS</b>	<b>G141QS</b>
Type - Open / Canopy / Container		Canopy	Canopy	Canopy	Canopy
Engine make - Stage IIIA		JCB 4 Cylinder	JCB 4 Cylinder	JCB 4 Cylinder	JCB 4 Cylinder
Prime power (PRP) at 50Hz 400V	kVA	59	80	105	125
Standby power (ESP) at 50Hz 400V	kVA	65	88	116	138
Length	mm	2750	2850	2850	2850
Width	mm	1140	1140	1140	1140
Height	mm	1830	1830	1830	1830
Weight including oil and water	kg	1660	1830	1830	1880

**FUEL OPTIMISED**

						
Model	G165S	G165QS	G200S	G200QS	G220S	G220QS
Type - Open / Canopy / Container	Open	Canopy	Open	Canopy	Open	Canopy
Engine make - fuel optimised	JCB 6 Cylinder	JCB 6 Cylinder	JCB 6 Cylinder	JCB 6 Cylinder	JCB 6 Cylinder	JCB 6 Cylinder
Prime power (PRP) at 50Hz 400V	kVA 150	150	180	180	199	199
Standby power (ESP) at 50Hz 400V	kVA 165	165	198	198	219	219
Prime power (PRP) at 60Hz 480V	kVA 150	150	180	180	200	200
Standby power (ESP) at 60Hz 480V	kVA 165	165	198	198	220	220
Length	mm 2840	3800	2840	3800	2840	3800
Width	mm 1030	1140	1030	1140	1030	1140
Height	mm 1800	2075	1800	2075	1800	2075
Weight including oil and water	kg 2060	2700	2125	2700	2090	2700



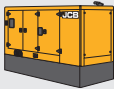
## FUEL OPTIMISED

								
Model	G275X	G275QX	G330X	G330QX	G400X	G400QX	G440X	G440QX
Type - Open / Canopy / Container	Open	Canopy	Open	Canopy	Open	Canopy	Open	Canopy
Engine make - fuel optimised	Scania	Scania	Scania	Scania	Scania	Scania	Scania	Scania
Prime power (PRP) at 50Hz 400V	kVA 250	250	300	300	350	350	400	400
Standby power (ESP) at 50Hz 400V	kVA 275	275	330	330	370	370	437	437
Prime power (PRP) at 60Hz 480V	kVA 297	297	335	335	420	420	468	468
Standby power (ESP) at 60Hz 480V	kVA 327	327	369	369	433	433	515	515
Length	mm 3000	3800	3000	3800	3600	4500	3600	4500
Width	mm 1160	1400	1224	1400	1460	1800	1460	1800
Height	mm 1759	2290	1856	2290	2090	2340	2090	2340
Weight inc. oil and water	Kg 2172	3434	2385	3647	2678	4388	2814	4524

## FUEL OPTIMISED

								
Model	G500X	G500QX	G545X	G545QX	G550X	G550QX	G600X	G600QX
Type - Open / Canopy / Container	Open	Canopy	Open	Canopy	Open	Canopy	Open	Canopy
Engine make - fuel optimised	Scania	Scania	Scania	Scania	Scania	Scania	Scania	Scania
Prime power (PRP) at 50Hz 400V	kVA 461	461	502	502	502	502	550	550
Standby power (ESP) at 50Hz 400V	kVA 501	501	549	549	549	549	601	601
Prime power (PRP) at 60Hz 480V	kVA 460	460	510	510	500	500	562	562
Standby power (ESP) at 60Hz 480V	kVA 501	501	560	560	545	545	612	612
Length	mm 3600	4500	3600	4500	3600	4500	3600	4500
Width	mm 1460	1800	1460	1800	1460	1800	1460	1800
Height	mm 2090	2340	2090	2340	2090	2340	2090	2340
Weight inc. oil and water	Kg 2917	4627	3047	4757	3313	5023	3313	5023


STAGE IIIA EMISSIONS COMPLIANT

								
<b>Model</b>	<b>G276X</b>	<b>G276QX</b>	<b>G331X</b>	<b>G331QX</b>	<b>G401X</b>	<b>G401QX</b>	<b>G441X</b>	<b>G441QX</b>
Type - Open / Canopy / Container	Open	Canopy	Open	Canopy	Open	Canopy	Open	Canopy
Engine make - Stage IIIA	Scania	Scania	Scania	Scania	Scania	Scania	Scania	Scania
Prime power (PRP) at 50Hz 400V	kVA 250	250	300	300	350	350	400	400
Standby power (ESP) at 50Hz 400V	kVA 275	275	330	330	400	400	450	450
Length	mm 3000	3800	3000	3800	3600	4500	3600	4500
Width	mm 1160	1400	1160	1400	1460	1800	1460	1800
Height	mm 1759	2290	1759	2290	2090	2340	2090	2340
Weight including oil and water	kg 2172	3434	2385	3647	2678	4388	2814	4524

STAGE IIIA EMISSIONS COMPLIANT

				
<b>Model</b>	<b>G551X</b>	<b>G551QX</b>	<b>G601X</b>	<b>G601QX</b>
Type - Open / Canopy / Container	Open	Canopy	Open	Canopy
Engine make - Stage IIIA	Scania	Scania	Scania	Scania
Prime power (PRP) at 50Hz 400V	kVA 501	501	550	550
Standby power (ESP) at 50Hz 400V	kVA 550	550	590	590
Length	mm 3600	4500	3600	4500
Width	mm 1460	1800	1460	1800
Height	mm 2090	2340	2090	2340
Weight including oil and water	kg 3371	5081	3371	5081

## STAGE IIIA EMISSIONS COMPLIANT

								
<b>Model</b>	<b>G306X</b>	<b>G306QX</b>	<b>G336X</b>	<b>G336QX</b>	<b>G406X</b>	<b>G406QX</b>	<b>G446X</b>	<b>G446QX</b>
Type - Open / Canopy / Container	Open	Canopy	Open	Canopy	Open	Canopy	Open	Canopy
Engine make - Stage IIIA	MTU	MTU	MTU	MTU	MTU	MTU	MTU	MTU
Prime power (PRP) at 50Hz 400V	kVA 280	280	300	300	350	350	400	400
Standby power (ESP) at 50Hz 400V	kVA 310	310	330	330	370	370	437	437
Length	mm 3310	4100	3310	4100	3600	4500	3600	4500
Width	mm 1390	1600	1390	1600	1602	1800	1602	1800
Height	mm 2061	2200	2061	2200	2121	2340	2121	2340
Weight including oil and water	kg 3069	4531	3096	4531	3496	5232	3632	5368

## STAGE IIIA EMISSIONS COMPLIANT

				
<b>Model</b>	<b>G506X</b>	<b>G506QX</b>	<b>G566X</b>	<b>G566QX</b>
Type - Open / Canopy / Container	Open	Canopy	Open	Canopy
Engine make - Stage IIIA	MTU	MTU	MTU	MTU
Prime power (PRP) at 50Hz 400V	kVA 460	460	510	510
Standby power (ESP) at 50Hz 400V	kVA 509	509	563	563
Length	mm 3600	4500	3600	4500
Width	mm 1602	1800	1602	1800
Height	mm 2121	2340	2121	2340
Weight including oil and water	kg 3872	5582	4002	5712

FUEL OPTIMISED

				
<b>Model</b>	<b>G656X</b>	<b>G656QX</b>	<b>G726X</b>	<b>G726QX</b>
Type - Open / Canopy / Container	Open	Canopy	Open	Canopy
Engine make - fuel optimised	MTU	MTU	MTU	MTU
Prime power (PRP) at 50Hz 400V	kVA 601	601	664	664
Standby power (ESP) at 50Hz 400V	kVA 663	663	733	733
Prime power (PRP) at 60Hz 480V	kVA 643	643	703	703
Standby power (ESP) at 60Hz 480V	kVA 705	705	776	776
Length	mm 3600	5000	3600	5000
Width	mm 1604	2100	1604	2100
Height	mm 2121	2369	2121	2369
Weight including oil and water	kg 4529	6739	4671	6881





**ONE COMPANY, OVER 300 MACHINES.**

Your nearest JCB dealer

**JCB Power Generators Standard Range**

8kVA – 730kVA

50Hz / 60Hz

JCB Power Products, Hixon, Staffordshire, United Kingdom ST18 0PF

Tel: +44 (0)1889 272200 Email: generator.sales@jcb.com

Download the very latest information on this product range at:

[www.jcb.com/en-gb/products/generators](http://www.jcb.com/en-gb/products/generators)

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